

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015892.D
 Acq On : 21 Jul 2020 17:20
 Operator : SY/VA
 Sample : L3348-01
 Misc : 6.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY7

Quant Time: Jul 22 08:00:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	431813	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83128	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	157333	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
7) Chloroethane-d5	2.90	69	121653	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.32%
10) 1,1-Dichloroethene-d2	4.01	63	218828	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	7.09	46	78262	48.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.80%
24) Chloroform-d	7.65	84	278056	22.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	8.31	65	158253	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
29) Benzene-d6	8.28	84	549470	27.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.60%
33) 1,2-Dichloropropane-d6	9.28	67	165862	27.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.36%
37) Toluene-d8	10.33	98	454398	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.00%
38) trans-1,3-Dichloropropene-	10.58	79	61811	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.40%
39) 2-Hexanone-d5	10.93	63	55456	55.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.82%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	108028	23.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	76848	23.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.84%

Target Compounds

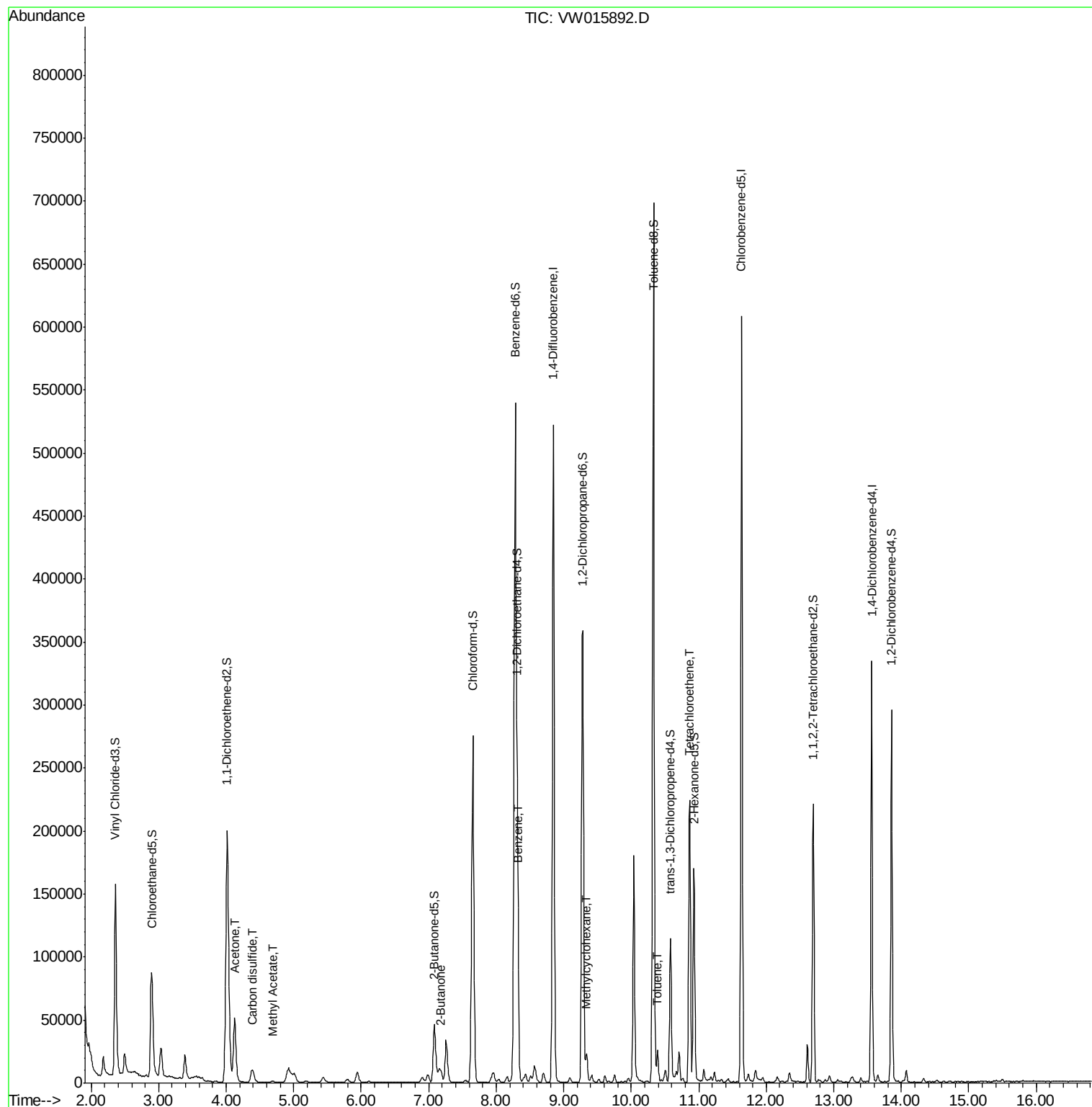
					Ovalue
13) Acetone	4.12	43	87333	64.974	ug/L 99
14) Carbon disulfide	4.38	76	18958	1.081	ug/L 99
15) Methyl Acetate	4.68	43	2470	0.975	ug/L # 84
21) 2-Butanone	7.18	43	7757	4.667	ug/L 96
34) Benzene	8.33	78	10705	0.540	ug/L 100
36) Methylcyclohexane	9.34	83	7364	0.818	ug/L # 74
44) Toluene	10.39	91	17415	0.838	ug/L 99
47) Tetrachloroethene	10.87	164	49579	12.179	ug/L 95

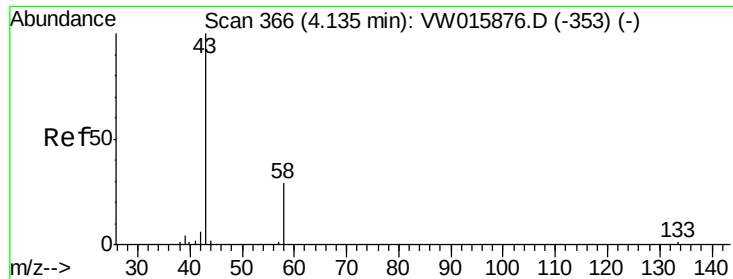
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 64.974 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015892.D

Acq: 21 Jul 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

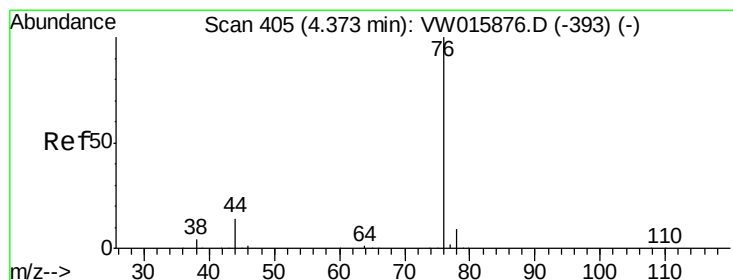
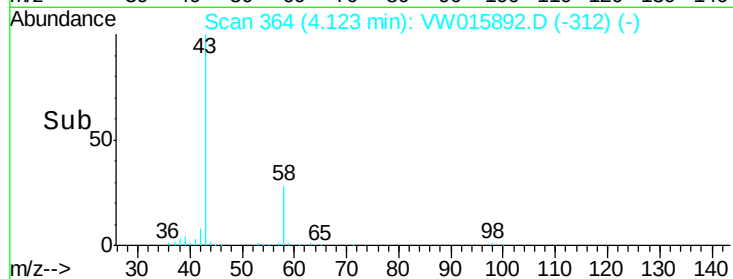
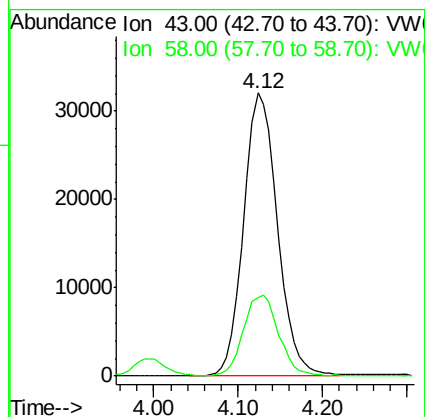
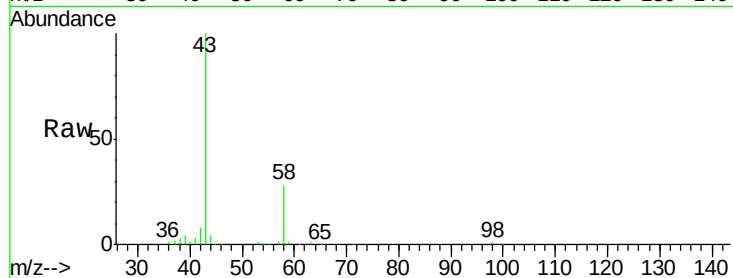
GAXY7

Tot Ion: 43 Resp: 87333

Ion Ratio Lower Upper

43 100

58 29.7 0.0 58.2



#14

Carbon disulfide

Concen: 1.081 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW015892.D

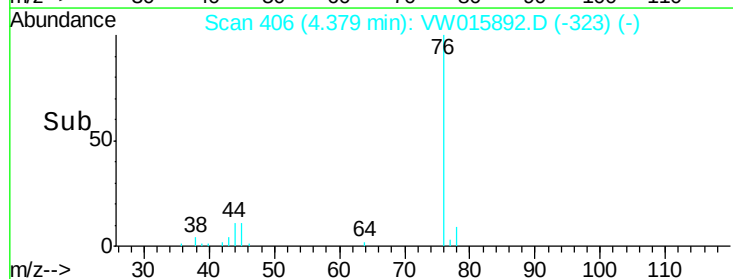
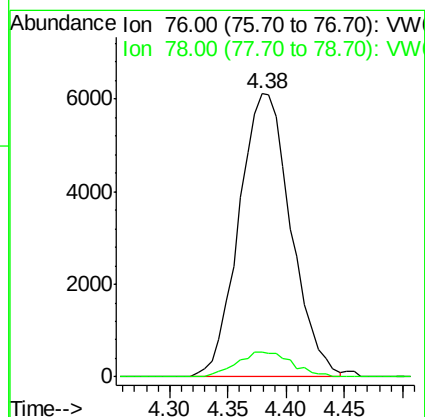
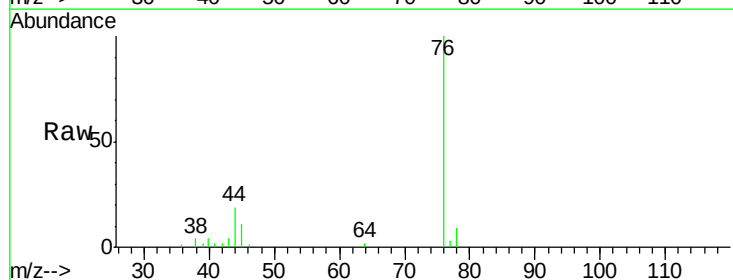
Acq: 21 Jul 2020 17:20

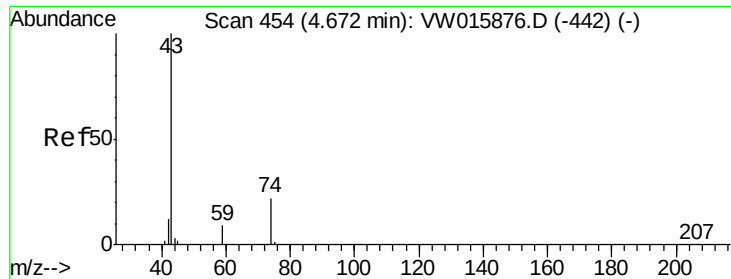
Tgt Ion: 76 Resp: 18958

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

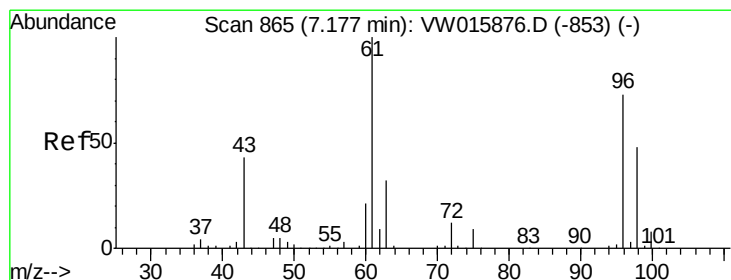
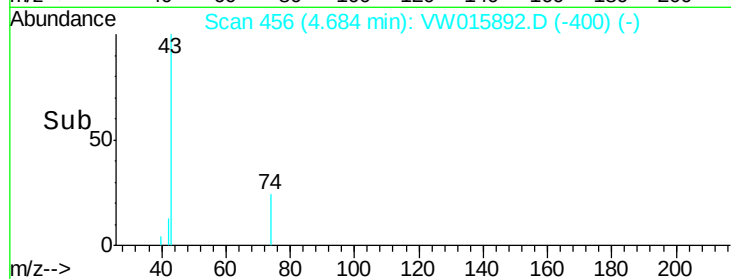
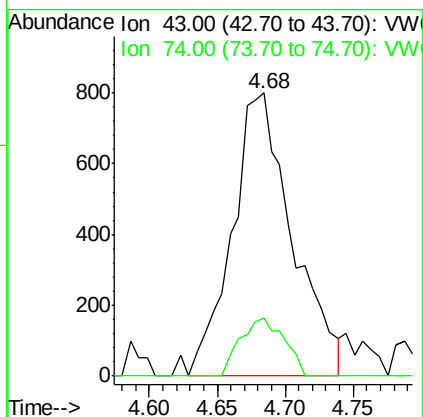
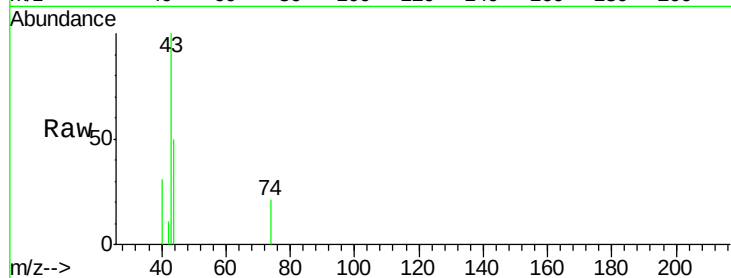




#15
Methyl Acetate
Concen: 0.975 ug/L
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015892.D
Acq: 21 Jul 2020 17:20

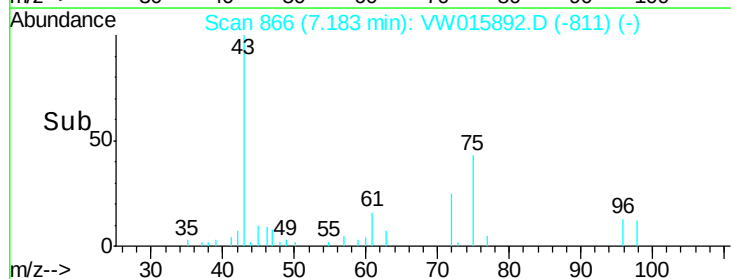
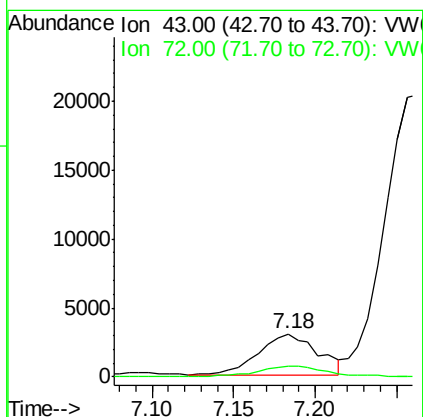
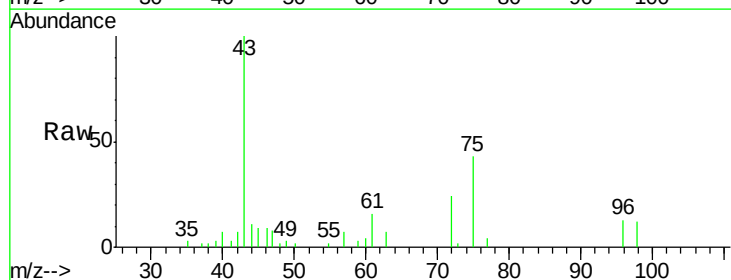
Instrument :
MSVOA_W
ClientSampled :
GAXY7

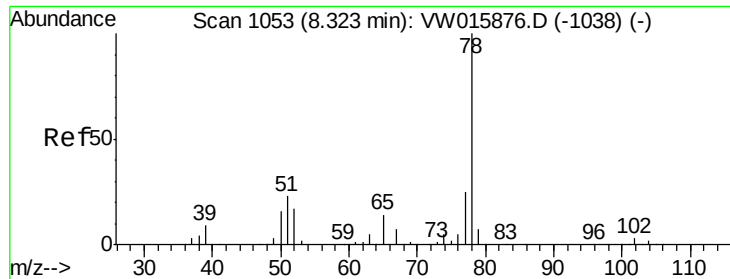
Tot Ion: 43 Resp: 2470
Ion Ratio Lower Upper
43 100
74 15.0 18.2 27.2#



#21
2-Butanone
Concen: 4.667 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015892.D
Acq: 21 Jul 2020 17:20

Tgt Ion: 43 Resp: 7757
Ion Ratio Lower Upper
43 100
72 29.8 13.9 41.7





#34

Benzene

Concen: 0.540 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW015892.D

Acq: 21 Jul 2020 17:20

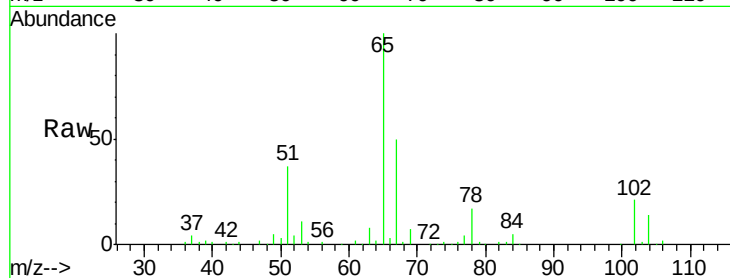
Instrument :

MSVOA_W

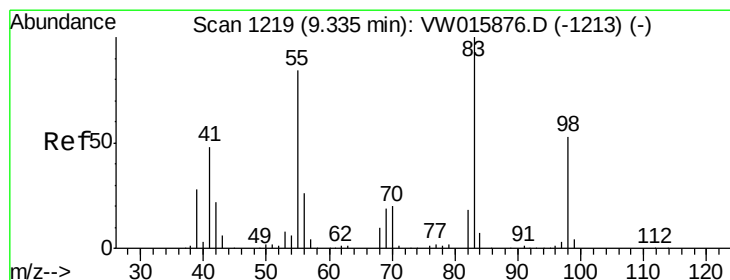
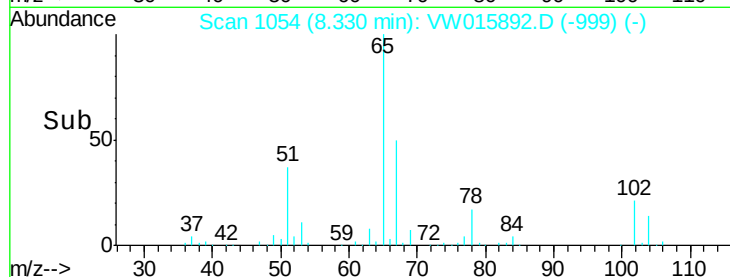
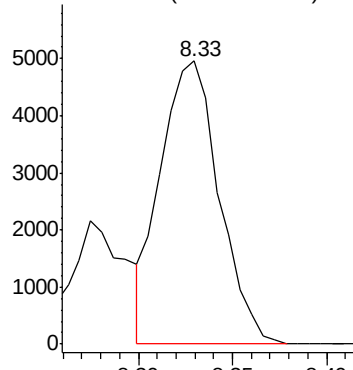
ClientSampleId :

GAXY7

Tgt Ion: 78 Resp: 10705



Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 0.818 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW015892.D

Acq: 21 Jul 2020 17:20

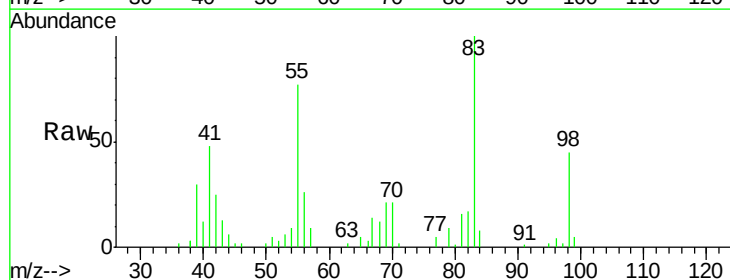
Tgt Ion: 83 Resp: 7364

Ion Ratio Lower Upper

83 100

55 114.1 63.5 95.3#

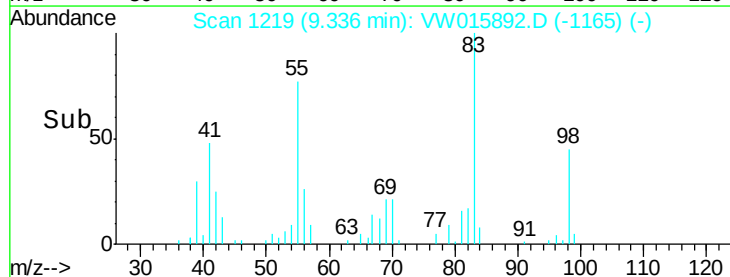
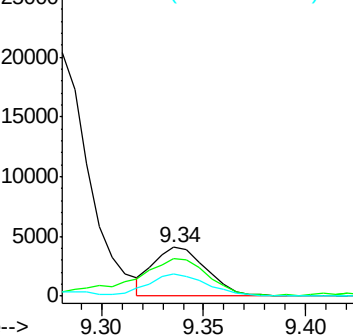
98 50.7 39.0 58.4

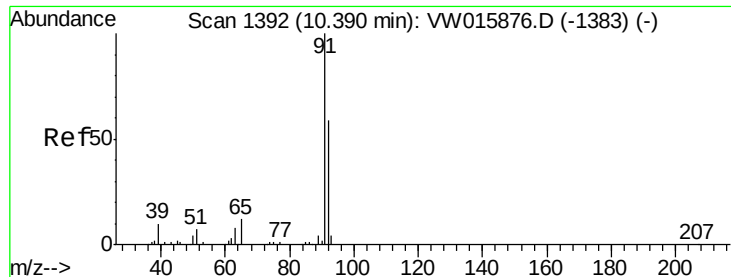


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#44

Toluene

Concen: 0.838 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015892.D

Acq: 21 Jul 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

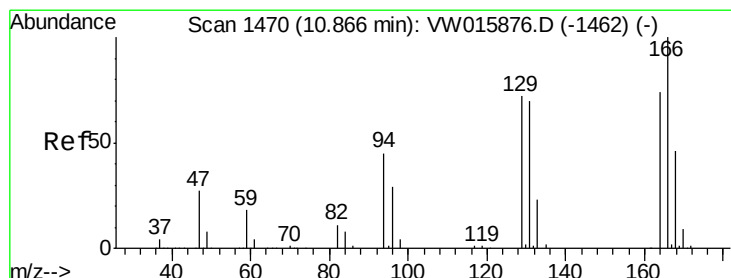
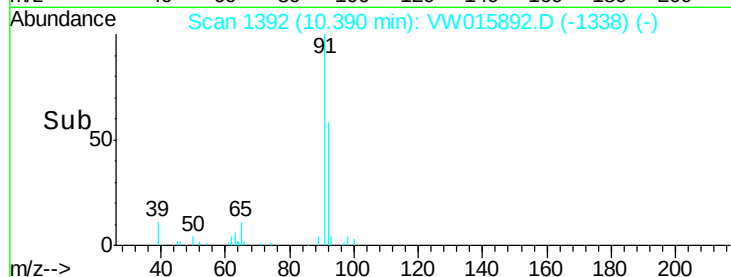
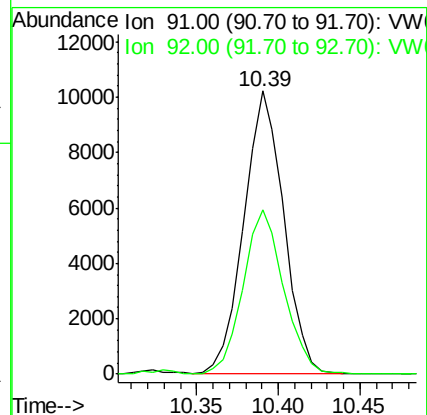
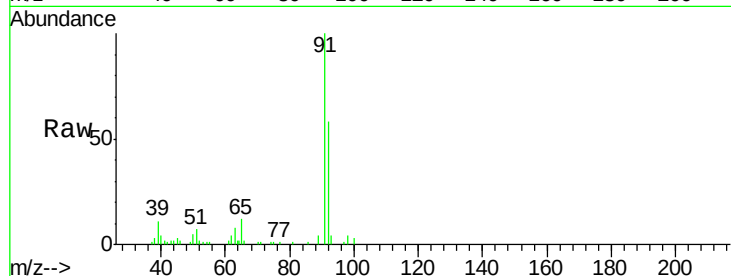
GAXY7

Tot Ion: 91 Resp: 17415

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.4



#47

Tetrachloroethene

Concen: 12.179 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015892.D

Acq: 21 Jul 2020 17:20

Tgt Ion: 164 Resp: 49579

Ion Ratio Lower Upper

164 100

129 100.4 70.0 130.0

131 96.5 67.3 124.9

166 141.1 88.5 164.3

